

TECHNICAL DATA SHEET

DIE SLICK® AD-48

LUBRICANT

DIE SLICK® AD-48 is a high performance synthetic die lubricant formulated for the more difficult die casting operations.

Applications

DIE SLICK® AD-48 incorporates state of the art polymers that enhances its wetting and release capabilities while producing bright and clean castings.

Typical operating temperature range is 350°F to 550°F.

Recommendation for Use

ALLOY	RECOMMENDED STARTING RATIO*	COMMENTS
Aluminum	80:1	Ratios as high as 120:1 are common.
Magnesium	100:1	Ratios as high as 120:1 are common.
Zinc	80:1	Ratios as high as 120:1 are common.

* The dilution ratios are recommendations based on Quaker Houghton's experience in the field. Each Die Casting facility is unique and each operator should evaluate the recommended starting ratio based on his / her experience.

Benefits

- Forms a tough die film that resists soldering and promotes good metal flow
- Castings are extremely bright and clean
- Does not cause paint or coating problems
- Excellent emulsion stability

Health, Safety and Handling

Please consult the Safety Data Sheet (SDS) for information on storage, safe handling and disposal. The conditions or methods of handling, storage, use and disposal of the product are beyond our reasonable control - we assume no liability for any ineffectiveness of the product or any injury or damage, arising out of or in connection with these conditions. This product has a shelf life of 12 months, and it should be stored in a tightly sealed container in temperatures between 5°C (41°F) and 35°C (95°F). Do not freeze.

Properties

PROPERTY	TYPICAL VALUE	UNIT
Appearance	White emulsion	
Odor	Bland	
Bulk Density	8.20	lbs/gal
Flash Point	N/A	°C/°F
pH	7.5 - 9.5	
Specific Gravity	0.98	g/c ³

All reasonable care has been taken to ensure this publication is accurate upon issue. Such information may be affected by changes subsequent to issue. This Technical Data Sheet is to be used solely for this product. Prior to any use, consult the Safety Data Sheet (SDS) for information on hazard risks and product use parameters. All liability and all warranties express or implied are hereby excluded as to product performance results, the accuracy of these data including any warranty of merchantability or fitness for any purpose. 015441.

